NOT MEASUREMENT SENSITIVE

MIL-STD-40051-6

DEPARTMENT OF DEFENSE STANDARD PRACTICE

TECHNICAL MANUALS

REPAIR PARTS AND SPECIAL TOOLS LIST (RPSTL)

CONTENTS

CONTENTS

1. SCOPE.

1.1 Scope. This standard establishes the technical content requirements for the preparation of Repair Parts and Special Tools Lists (RPSTLs) for weapon systems and equipment Technical Manuals (TMs) and Depot Maintenance Work Requirements (DMWRs). These requirements are applicable for both paper and digital page-oriented TMs. Electronic delivery of RPSTL TMs is accomplished through the use of the Repair Parts and Special Tools List modular Document Type Definition (DTD). The DTD is available in a digital format. Refer to MIL-STD-40051 for information on obtaining this DTD. RPSTL requirements include 1) introductory information, 2) tabular listings of all authorized spares and repair parts, special tools, special test, measurement, and diagnostic equipment (TMDE), and other support equipment required for performance of maintenance and 3) illustrations to identify and locate the spare and repair parts.

2. APPLICABLE DOCUMENTS.

The applicable documents in section 2 of MIL-STD-40051 apply to this Part.

3. DEFINITIONS.

The definitions in section 3 of MIL-STD-40051 apply to this Part.

4. GENERAL REQUIREMENTS.

4.1 General. The RPSTL lists and authorizes spares and repair parts; special tools; special Test, Measurement, and Diagnostic Equipment (TMDE); and other special support equipment required for performance of all levels of maintenance of the weapon system/equipment, subsystems, assemblies, and components. It authorizes the requisitioning, issue and disposition of spares, repair parts and special tools in accordance the Source, Maintenance and Recoverability (SMR) codes. When a RPSTL with combined levels of maintenance is authorized, the RPSTL shall contain spares and repair parts data for all levels covered, even though lower levels of maintenance is covered in a separate RPSTL. For example, when both a -20 level (unit) and a -34 level (direct support and general support) RPSTL are published, the -34 RPSTL shall include spare and parts data required for the unit, direct support, and general support level. Illustrations published in the -34 level RPSTL that contain unit authorized items shall be duplicated in the -20 level RPSTL.

4.2 Standard tables. Various standard tables required are noted throughout the text of this standard in bold and in parentheses (i.e., **(standard table)**). The formats and table heading names of these standard tables shall have no deviations.

4.3 Preparation of digital data for electronic delivery. Technical manual data prepared in work package format and delivered digitally in accordance with this standard shall be Standard Generalized Markup Language (SGML) tagged and assembled using the modular DTD and Formatting Output Specification Instance (FOSI). The DTD and FOSI has been developed in accordance with MIL-PRF-28001 and ISO 8879. Refer to MIL-STD-40051 for information on obtaining or accessing this modular DTD and FOSI. SGML tags used in the modular DTD are noted throughout the text of this standard in bracketed, bold characters (i.e., <**plwp**>) as a convenience for the TM author and to ensure that the tags are used correctly when developing a document instance.

4.3.1 Use of the DTDs / FOSIs. The modular DTDs referenced in this Part interpret the technical content and structure for the functional requirements contained in this Part and are mandatory for use. The modular FOSIs referenced herein interprets the style and format. As specified by the contracting activity, FOSIs or

style sheets may be used to produce final reproducible paper copy for all TMs prepared in accordance with this standard.

4.4 Content structure and format. The examples provided at the rear of this Part are an accurate representation of the content structure and format requirements contained herein and shall be followed to permit the effective use of the modular DTD for RPSTLs.

4.5 Style and format. Style and format requirements for the preparation of Department of Army TMs are contained in MIL-STD-40051-1 and are considered mandatory and are intended for compliance. Preferred general style and format requirements for Army TMs shall be provided by the procuring activity.

4.6 Work package development. Technical manual data developed in accordance with this standard shall be divided into individual, stand alone units of information work packages. A work package shall consist of descriptive, operational, maintenance, troubleshooting, support, or parts information for the weapon system or equipment.

4.7 Selective application and tailoring. MIL-STD-40051 contains some requirements that may not be applicable to the preparation of all technical manuals. Selective application and tailoring of requirements contained in MIL-STD-40051 are the responsibility of the contracting activity and shall be accomplished through the use of Appendix A, Technical Manual Content Selection Matrixes, of MIL-STD-40051. The applicability of some requirements is also designated by one of the following statements: unless specified otherwise by the contracting activity; as/when specified by the contracting activity; or when specified by the procuring activity.

5. DETAILED REQUIREMENTS.

5.1 Preparation of RPSTLs. RPSTLs shall be prepared for weapon systems, major components and applicable support and interface equipment. This information shall be contained in one of the following:

a. A separate RPSTL Technical Manual (TM),

b. RPSTL work packages included in maintenance TM, or

c. RPSTL work packages included in a Depot Maintenance Work Requirement (DMWR).

5.1.1 Separate RPSTL TM. Separate RPSTL TMs shall consist of front and rear matter and Parts Information Chapters **<pim>** containing the work packages described in 5.3.

5.1.2 RPSTL work packages included in a maintenance TM. When a separate RPSTL is not required or authorized, RPSTL data shall be included as part of a maintenance TM. Introduction, repair parts list, special tools list, and cross reference indexes work packages as listed in 5.4 shall be included, as applicable. Front and rear matter requirements shall become part of the maintenance TM that includes the RPSTL work packages.

5.1.3 RPSTL work packages included in a DMWR. If an item of equipment is programmed for depot overhaul and no repair parts (including modules, printed circuits, and components) are authorized for replacement at a level below depot maintenance, authorized repair parts data shall appear in the applicable DMWR.

5.1.3.1 Depot repair parts. If a figure(s) contains repair parts for both depot level maintenance and a maintenance level(s) below depot, the depot coded repair parts shall be presented in a DMWR as a RPSTL work package or in the separate RPSTL TM as specified by the contracting activity. If the RPSTL TM includes depot repair parts, the statement "Including Depot Maintenance Repair Parts" shall be added to the title of the RPSTL TM.

5.2 Front matter. Front matter for RPSTL TMs shall consist of a cover, title block page, and a table of contents prepared in accordance with MIL-STD-40051-1.

5.3 Parts information chapter **<pim>**. Chapters shall consist of the following applicable work packages.

a. Introduction work package **<introwp>**.

b. Repair parts list work package **<plwp>**.

c. Special tools list work package **<stlwp>**.

d. Cross-reference index work packages

(1) National Stock Number (NSN) index work package **<nsnindxwp>**
(2) Part number index work package **<pnindxwp>**
(3) Reference designator index work package **<refdesindxwp>**

5.4 Introduction work package **<introwp>**. The introduction work package (text below within the quotation marks) shall be prepared and included verbatim, except for the information indicated by italicized text. Italicized text shall be deleted and, as applicable, replaced with the appropriate information. (Refer to figure 1.)

"INTRODUCTION

SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of *(enter maintenance level)* maintenance of the *(enter item name)*. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. Repair Parts List Work Packages. Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters, and bolts are listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair parts kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustrations.

2. Special Tools List Work Packages. Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII are not listed.

3. Cross-Reference Indexes Work Packages. There are *(enter applicable number)* cross-reference indexes work packages in this RPSTL: *(enter applicable index titles: the National Stock Number (NSN) Index work package, the Part Number (P/N) Index work package, and the Reference Designator Index work package)*. *(Enter applicable explanations: The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to the figure and item number. The Reference Designator Index work package refers you to the figure and item number.)*

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

SMR CODE (Column (2)). The SMR code containing supply/requisitioning information, maintenance level authorization criteria, and disposition instruction, as shown in the following breakout:

Source Code	**Maintenance Code**		**Recoverability Code**
xx	xx		x
1st two positions: How to get an item.	3rd position: Who can install, replace, or use the item.	4th position: Who can do complete repair* on the item.	5th position: Who determines disposition action on unserviceable items.

*Complete Repair: Maintenance capacity, capability, and authority to perform all corrective maintenance tasks of the "Repair" function in a use/user environment in order to restore serviceability to a failed item.

Source Code. The source code tells you how you get an item needed for maintenance, repair, or overhaul of an end item/equipment. Explanations of source codes follow:

Source Code	**Application/Explanation**
PA PB PC PD PE PF PG	Stock items; use the applicable NSN to requisition/request items with these source codes. They are authorized to the level indicated by the code entered in the 3rd position of the SMR code. **NOTE** Items coded PC are subject to deterioration.

KD KF KB	Items with these codes are not to be requested/requisitioned individually. They are part of a kit which is authorized to the maintenance level indicated in the 3rd position of the SMR code. The complete kit must be requisitioned and applied.
MO-Made at unit/AVUM level MF-Made at DS/AVIM level MH-Made at GS level ML-Made at SRA MD-Made at depot	Items with these codes are not to be requisitioned/requested individually. They must be made from bulk material which is identified by the P/N in the DESCRIPTION AND USABLE ON CODE (UOC) column and listed in the bulk material group work package of the RPSTL. If the item is authorized to you by the 3rd position code of the SMR code, but the source code indicates it is made at higher level, order the item from the higher level of maintenance.
AO-Assembled by unit/AVUM level AF-Assembled by DS/AVIM level AH-Assembled by GS level AL-Assembled by SRA AD-Assembled by depot	Items with these codes are not to be requested/requisitioned individually. The parts that make up the assembled item must be requisitioned or fabricated and assembled at the level of maintenance indicated by the source code. If the 3rd position of the SMR code authorizes you to replace the item, but the source code indicates the item is assembled at a higher level, order the item from the higher level of maintenance.
XA	Do not requisition an "XA" coded item. Order the next higher assembly. (Refer to NOTE below.)
XB	If an item is not available from salvage, order it using the CAGEC and P/N.
XC	Installation drawings, diagrams, instruction sheets, field service drawings; identified by manufacturer's P/N.
XD	Item is not stocked. Order an XD-coded item through normal supply channels using the CAGEC and P/N given, if no NSN is available.

NOTE

Cannibalization or controlled exchange, when authorized, may be used as a source of supply for items with the above source codes except for those items source coded "XA" or those aircraft support items restricted by requirements of AR 750-1.

Maintenance Code. Maintenance codes tell you the level(s) of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the SMR code as follows:

Third Position. The maintenance code entered in the third position tells you the lowest maintenance level authorized to remove, replace, and use an item. The maintenance code entered in the third position will indicate authorization to the following levels of maintenance:

Maintenance Code	Application/Explanation
C	Crew or operator maintenance done within unit/AVUM maintenance.
O	Unit level/AVUM maintenance can remove, replace, and use the item.
F	Direct support/AVIM maintenance can remove, replace, and use the item.
H	General support maintenance can remove, replace, and use the item.
L	Specialized repair activity can remove, replace, and use the item.
D	Depot can remove, replace, and use the item.

Fourth Position. The maintenance code entered in the fourth position tells you whether or not the item is to be repaired and identifies the lowest maintenance level with the capability to do complete repair (perform all authorized repair functions).

NOTE

Some limited repair may be done on the item at a lower level of maintenance, if authorized by the Maintenance Allocation Chart (MAC) and SMR codes.

Maintenance Code	Application/Explanation
O	Unit/AVUM is the lowest level that can do complete repair of the item.
F	Direct support/AVIM is the lowest level that can do complete repair of the item.
H	General support is the lowest level that can do complete repair of the item.
L	Specialized repair activity *(enter specialized repair activity designator)* is the lowest level that can do complete repair of the item.
D	Depot is the lowest level that can do complete repair of the item.

Z — Nonreparable. No repair is authorized.

B — No repair is authorized. No parts or special tools are authorized for maintenance of "B" coded item. However, the item may be reconditioned by adjusting, lubricating, etc., at the user level.

Recoverability Code. Recoverability codes are assigned to items to indicate the disposition action on unserviceable items. The recoverability code is shown in the fifth position of the SMR code as follows:

Recoverability Code	Application/Explanation
Z	Nonreparable item. When unserviceable, condemn and dispose of the item at the level of maintenance shown in the third position of the SMR code.
O	Reparable item. When uneconomically reparable, condemn and dispose of the item at the unit level.
F	Reparable item. When uneconomically reparable, condemn and dispose of the item at the direct support level.
H	Reparable item. When uneconomically reparable, condemn and dispose of the item at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal of item are not authorized below depot level.
L	Reparable item. Condemnation and disposal not authorized below Specialized Repair Activity (SRA).
A	Item requires special handling or condemnation procedures because of specific reasons (such as precious metal content, high dollar value, critical material, or hazardous material). Refer to appropriate manuals/directives for specific instructions.

NSN (Column (3)). The NSN for the item is listed in this column.

CAGEC (Column (4)). The Commercial and Government Entity Code (CAGEC) is a five-digit code which is used to identify the manufacturer, distributor, or Government agency/activity that supplies the item.

PART NUMBER (Column (5)). Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When you use an NSN to requisition an item, the item you receive may have a different P/N from the number listed.

DESCRIPTION AND USABLE ON CODE (UOC) (Column (6)). This column includes the following information:

1. The federal item name, and when required, a minimum description to identify the item.

2. P/Ns of bulk materials are referenced in this column in the line entry to be manufactured or fabricated.

3. Hardness Critical Item (HCI). A support item that provides the equipment with special protection from electromagnetic pulse (EMP) damage during a nuclear attack.

4. The statement END OF FIGURE appears just below the last item description in column (6) for a given figure in both the repair parts list and special tools list work packages.

QTY (Column (7)). The QTY (quantity per figure) column indicates the quantity of the item used in the breakout shown on the illustration/figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column instead of a quantity indicates that the quantity is variable and quantity may change from application to application.

EXPLANATION OF CROSS-REFERENCE INDEXES WORK PACKAGES FORMAT AND COLUMNS

1. National Stock Number (NSN) Index Work Package.

STOCK NUMBER Column. This column lists the NSN in National item identification number (NIIN) sequence. The NIIN consists of the last nine digits of the NSN.

NSN (e.g., 5385-01-574-1476) NIIN	When using this column to locate an item, ignore the first four digits of the NSN. However, the complete NSN should be used when ordering items by stock number.

FIG. Column. This column lists the number of the figure where the item is identified/located. The figures are in numerical order in the repair parts list and special tools list work packages.

ITEM Column. The item number identifies the item associated with the figure listed in the adjacent FIG. column. This item is also identified by the NSN listed on the same line.

2. Part Number (P/N) Index Work Package. P/Ns in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combinations which places the first letter or digit of each group in order A through Z, followed by the numbers 0 through 9 and each following letter or digit in like order).

PART NUMBER Column. Indicates the P/N assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list and special tools list work packages.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column."

NOTE: Include 3, as applicable.

“3. Reference Designator Index Work Package. Reference designators in this index are listed in ascending alphanumeric sequence (vertical arrangement of letter and number combination which places the first letter or digit of each group in order "A" through "Z," followed by the numbers "0" through "9" and each following letter or digit in like order).

REFERENCE DESIGNATOR Column. Indicates the reference designator assigned to the item.

FIG. Column. This column lists the number of the figure where the item is identified/located in the repair parts list or special tools list work package.

ITEM Column. The item number is the number assigned to the item as it appears in the figure referenced in the adjacent figure number column.

SPECIAL INFORMATION

UOC. The UOC appears in the lower left corner of the Description Column heading. Usable on codes are shown as "UOC: ..." in the Description Column (justified left) on the first line under the applicable item/nomenclature. Uncoded items are applicable to all models. Identification of the UOCs used in the RPSTL are:

Code	**Used On”**
PAA	*Model M114*
PAB	*Model M114A*
PAC	*Model M114B*

NOTE: Include the above UOC content, as applicable.

“Fabrication Instructions. Bulk materials required to manufacture items are listed in the bulk material functional group of this RPSTL. Part numbers for bulk material are also referenced in the Description Column of the line item entry for the item to be manufactured/fabricated. Detailed fabrication instructions for items source coded to be manufactured or fabricated are found in (*enter applicable TM number*).

Index Numbers. Items which have the word BULK in the figure column will have an index number shown in the item number column. This index number is a cross-reference between the NSN / P/N index work packages and the bulk material list in the repair parts list work package.”

NOTE: For a combined narrative-RPSTL manual associated publications shall not be included.

“Associated Publications. The publication(s) listed below pertains to the (*enter item name*):

Publication	**Short Title**”

NOTE: The following paragraph shall appear only in the unit maintenance RPSTL special instructions.

“Illustrations List. The illustrations in this RPSTL contain unit authorized items. Illustrations published in (*enter applicable TM number for the higher maintenance level RPSTL, e.g., for direct support, general*

support, etc.) that contain unit authorized items also appear in this RPSTL. The tabular list in the repair parts list work package contains only those parts coded "O" in the third position of the SMR code, therefore, there may be a break in the item number sequence."

"**HOW TO LOCATE REPAIR PARTS**

1. When NSNs or P/Ns Are Not Known.

First. Using the table of contents, determine the assembly group to which the item belongs. This is necessary since figures are prepared for assembly groups and subassembly groups, and lists are divided into the same groups.

Second. Find the figure covering the functional group or the subfunctional group to which the item belongs.

Third. Identify the item on the figure and note the number(s).

Fourth. Look in the repair parts list work packages for the figure and item numbers. The NSNs and part numbers are on the same line as the associated item numbers.

2. When NSN Is Known.

First. If you have the NSN, look in the STOCK NUMBER column of the NSN index work package. The NSN is arranged in NIIN sequence. Note the figure and item number next to the NSN.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

3. When P/N Is Known.

First. If you have the P/N and not the NSN, look in the PART NUMBER column of the P/N index work package. Identify the figure and item number.

Second. Look up the item on the figure in the applicable repair parts list work package."

NOTE: Include 4 only if the RPSTL has a reference designator index work package.

"4. When Reference Designator Is Known.

First. If you know the reference designator, look in the REFERENCE DESIGNATOR column of the reference designator index work package. Note the figure and item number.

Second. Turn to the figure and locate the item number. Verify that the item is the one you are looking for.

ABBREVIATIONS

Abbreviation **Explanation**"

NOTE: Include uncommon abbreviations used in the RPSTL. List/define those not found in MIL-STD-12.

5.5 Repair parts list work package **<plwp>**. Each repair parts list work package shall consist of illustrations and their associated repair parts lists **<pl>**. A separate repair parts list work package shall be prepared for each illustration. (Refer to figures 2 and 3.) Figure 3 is in a **(standard table)** format. Repair parts for special tools listed in special tools list work packages shall be illustrated and listed in a separate work package under a functional group titled "Special Tools (Repair Parts)." The "Special Tools (Repair Parts)" group(s) shall follow the figure and list for the last group of the end item(s) listed on the Maintenance Allocation Chart (MAC) and shall precede the figures and lists for kits and bulk items. (Refer to 5.5.9.)
5.5.1 Figure titles. Figure titles shall be consistent with the titles in the MAC with the nomenclature in right reading order. Unless specified otherwise by the procuring activity, a figure title shall include all the Functional Group Codes (FGCs) illustrated beginning with the highest FGC illustrated. (Refer to figure 2.)

5.5.2 Item number column. Items shall be listed on the repair parts list (in the ITEM NO. column) by the same callout number shown on the associated figure. The items shall be listed in ascending alphanumeric sequence.

5.5.3 Nonconsecutive item numbers. When illustrations contain item callouts that are for a maintenance level higher than the level of the RPSTL, the items not authorized for maintenance at the RPSTL level shall not be listed in the repair parts list; therefore, items may not be listed consecutively. They shall be listed in ascending alphanumeric sequence.

5.5.4 SMR code column. The SMR code column shall include SMR codes assigned to the applicable items.

5.5.5 NSN column. The NSN column shall include the NSN assigned to the applicable item.

5.5.6 Commercial and Government Entity Code (CAGEC) and part number columns. The applicable five-digit CAGEC number, as listed in Catalog Handbook H4/H8, shall appear in the CAGEC column preceding the part number listed in the PART NUMBER column.

5.5.7 Description and UOC column. The DESCRIPTION AND USABLE ON CODE (UOC) column shall include the following information.

a. Header. The header shall consist of the functional group number and title appearing on the top line(s). The next line(s) below shall include the figure number and the figure title (may be the same as the functional group title). The headers for lists shall contain the same wording and information as the associated figures.

b. Item name. The item name shall consist of the federal item name (taken from Federal Supply Cataloging Handbook H6) and, if necessary, a minimum description to further identify the item. If the item is a Hardness Critical Item, the symbol **HCI** shall precede the item name.

c. Indentions. The item name listed in the DESCRIPTION AND USABLE ON CODE (UOC) column shall be indented to show components of assemblies and next higher assemblies. Indentions shall not exceed five positions. (Refer to figure 4.)

d. UOC. When an item has multiconfiguration or multimodel use, the three-position alphanumeric UOC representing the applicable configuration in which the item is used shall be placed on the last line under the item description. The letters "UOC:" followed by the applicable UOC shall be indented. When an item is used on all configurations or when only one configuration is covered by the RPSTL, UOCs shall not be shown.

e. Serial number application. When P/Ns of spare/repair items are not the same for all serial numbered equipment of the same model, a statement identifying the Usable Effective (USBL EFF) serial numbers shall be made in the DESCRIPTION AND USABLE ON CODE (UOC) column (e.g., USBL EFF SER NOS 1719-1941). (Refer to figure 3 for other examples.)

f. Assembled items. Spare and repair parts that are part of a nonstocked assembled item (source coded "AO", "AF", "AH", or "AD") shall be assigned item numbers on illustrations and shall be listed in item number sequence on the repair parts list. These items/parts shall be listed immediately below the item to be assembled on the repair parts list. When a particular illustration does not show the parts breakdown of the nonstocked assembly, reference shall be made to the breakdown illustration in the RPSTL. (Refer to figure 3.) Instructions, drawings, charts, and tables showing how to assemble assemblies source coded "A( )" shall not appear in the RPSTL, but shall appear in the narrative maintenance TM.

g. Manufactured items. All items source coded "MO", "MF", "MH", or "MD" shall have the statement in the DESCRIPTION AND USABLE ON CODE (UOC) column as follows: "MAKE FROM (*enter applicable bulk material or other replaceable item name, CAGEC, and P/N*)." Material that is used to make items shall also be shown in a separate functional group called BULK MATERIAL and figure to be titled FIG. BULK. Items in the bulk figure shall be listed alphabetically by item name in the DESCRIPTION AND USABLE ON CODE (UOC) column. (Refer to figure 5.) Numbers in the ITEM column of bulk material list apply to the FIG. BULK only and shall not be associated with item numbers (callouts appearing on the illustrations/figures). Instructions, drawings, charts, and tables required to show how items are made shall not be contained in the RPSTL but shall appear in the narrative maintenance TM.

h. Kits and kit repair parts. Kits and repair parts (source coded "KD", "KF", or "KB") shall conform to the format of either option 1 (refer to figure 6) or option 2 (refer to figure 7), as specified by the contracting activity.

(1) Option 1 (kits). Option 1 kits shall appear at the end of the associated parts list. As specified by the contracting activity, the ITEM NO. column for kits shall be either left blank or list an alphabetical character(s). The QTY column for kits shall be a V (variable) when the exact quantity may vary. (Refer to figure 6.)

(2) Option 1 (parts). Option 1 kit repair parts shall be listed with their applicable figure and appear in item number sequence. The statement "part of Kit P/N (*enter kit P/N*)" shall follow item name. Kit repair parts shall also be listed under the kit list at the end of the parts list (refer to figure 6). Parts of the kit list shall be indented and listed alphabetically by item name or in item number sequence immediately below the kit item name. The quantity (in parentheses), figure, and item number shall follow the repair part item name.

(3) Option 2 (kits). Option 2 kits shall be listed in a separate functional group titled "Repair Kits." This functional group shall be located in a repair parts list work package following the figure and list for the last group of the end item(s) listed on the MAC, including the figure and list for Special Tools (Repair Parts). This kit group shall be located before the bulk material functional group. The kits in this group shall be listed alphanumerically in part number sequence. Parts in the kit group shall be indented two positions and listed alphabetically by item name or in item number sequence under their kit name. (Refer to figure 7.) Item names of the parts shall be followed by the quantity (in parentheses) and the

figure and item numbers that appear in the basic parts list. The QTY column for kits shall contain a V (variable) when the exact quantity may vary.

(4) Option 2 (parts). Option 2 kit repair parts shall appear in the parts list by item number as shown on the associated figure. They shall be listed in item number sequence. The statement "PART OF KIT P/N (*enter kit part number*)" shall follow the item name.

i. End of figure statement. The statement END OF FIGURE shall appear below the last item described in column 6 for each figure of the tabular lists in the repair parts list and the special tools list work packages.

5.5.8 Quantity column. The figure in the QTY column shall represent the number of times the item appears in the illustration/figure with the associated item number. When a definite quantity cannot be determined because the number of uses per equipment or the size/length of an item may vary with each equipment, the letter V shall be placed in the left position of the QTY column.

5.5.9 Basic Issue Items (BII) (repair parts)/special tools (repair parts). Repair parts for reparable BII or special tools that do not have separate TMs, but are authorized for the RPSTL, shall be listed in a functional group titled BASIC ISSUE ITEMS (REPAIR PARTS) or SPECIAL TOOLS (REPAIR PARTS), as applicable. Subfunctional groups shall be assigned, as applicable. (These group(s) precede kits and bulk work packages.) Items listed in functional and subfunctional groups shall be listed and identified with the same basic columnar data required for the end item repair parts. BII and special tools reparable parts shall be supported by illustrations.

5.5.10 Expendable and durable items. Expendable and durable items shall not be listed in the RPSTL. (These items shall appear in the applicable narrative TM.)

5.6 Special tools list work package **<stlwp>**. Each special tools list work package shall consist of illustrations (for special tools, special TMDE, and other special support equipment authorized for maintenance of the end item/assembly) and the associated repair parts list **<pl>**. These tools shall be listed in the format shown in figure 8 **(standard table)**.

5.6.1 Functional grouping. Items shall be listed under a functional group(s) titled SPECIAL TOOLS. Items within the group shall be listed in ascending figure and item number sequence.

5.6.2 Basis of Issue (BOI). The last line entry(s) in the DESCRIPTION AND USABLE ON CODE (UOC) column for individual items, sets, or kits shall be the BOI. The BOI shall indicate the quantity of the items, i.e., sets, or kits authorized to support a quantity of end items/assembly(s) or a specific military unit. For example, BOI: 1 auth for 1-12 equip or BOI: 1 per BN HQ when BN has SVC CO. (For other examples of BOI, refer to figure 8.)

5.6.3 Special tool set/kit line entry(ies). These line entries shall contain complete information in all columns except ITEM NO. and QTY columns. ITEM NO. and QTY columns shall be left blank.

5.6.4 Components list. Components of special tool sets and kits shall be listed in figure and item number sequence immediately following the set or kit entry. The line entry for the components shall be indented under the set or kit entry and shall contain complete information in all columns except the QTY column (which shall be left blank). Quantities of components shall be included in a statement in the DESCRIPTION AND USABLE ON CODE (UOC) column (e.g., qty 1 per set/kit).

5.6.5 D-coded items. When a depot level RPSTL does not exist and items are maintained at depot level, they shall be identified with a "D" in the third position of the SMR code in the highest level RPSTL prepared.

5.7 Cross-reference index work packages.

5.7.1 NSN index work package <**nsnindxwp**>. This index <**prtindex**> shall list the complete NSN for all NSNs assigned to applicable items. However, the line entries shall be arranged in ascending numeric sequence by National Item Identification Number (NIIN) (the last nine digits of the NSN). The NSN line entry shall identify the first figure/item number for which the stock number is applicable. (Refer to figure 9.) The NSN shall not be repeated on the same page of the index for each additional figure/item number identified by that NSN. When NSN references carry over to another page, the carried over NSN entry shall appear at the top of the list.

5.7.2 P/N index work package <**pnindxwp**>. This index <**prtindex**> shall be arranged in ascending alphanumeric sequence by P/N. The line entry for each P/N listed shall identify the applicable figure and item number. (Refer to figure 10.) When the P/N appears on more than one figure, the P/N shall not be repeated unless it continues on the next page. If the P/N continues to the next page, it shall be repeated at the top of the page.

5.7.3 Reference designator index work package <**refdesindxwp**>. When specified by the procuring activity, a reference designator index work package shall be included. The index <**prtindex**> shall list the reference designators in alphanumeric sequence and shall reference the applicable figure and item number. (Refer to figure 11.)

5.7.4 Bulk figure. When entries in either the NSN or P/N index reference bulk material, the word BULK shall appear in the FIG. column. The numbers in the ITEM No. column shall refer to the item number list in the bulk figure located in the bulk functional group list and shall not refer to item numbers on an illustration.

5.7.5 Sets and kits. P/Ns for sets/kits shall be cross-referenced to NSN, figure, and item number for the set/kit. When Option 1 is selected, the ITEM column shall either be left blank or list an alphabetical character (e.g.,"K" for KIT, "S" for SET, etc.). (Refer to 5.5.7h.) When Option 2 is selected, the FIG. column shall list the word KITS or SETS, as applicable. (Refer to 5.5.7h.)

5.8 Illustrations. Illustrations shall be prepared in accordance with MIL-STD-40051-1. Additional RPSTL specific illustration requirements are described in paragraphs 5.8.1 through 5.8.4.

5.8.1 Arrangement of illustrations. All illustrations prepared for spares, repair parts, special tools, special TMDE, and other special support equipment shall be arranged in figure number sequence. They shall precede their companion parts list (on the left-hand page preceding the parts list or at the top of the same page of the parts list). Illustrations shall not be duplicated to provide facing page illustrations for the second and subsequent pages of the RPSTL. Illustrations shall not be duplicated to show different models or configurations of an assembly when UOCs can be assigned to indicate differences in configurations.

5.8.2 Use of illustrations. Foldout and foldout-foldup illustrations shall not be used in RPSTLs. For clarity, multisheet illustrations may be used. References to illustrations in other TMs or to illustrations in the narrative portion of a combined maintenance TM with a RPSTL shall not be made. Turn pages shall not be prepared except for RPSTLs supporting nuclear weapons (regulated by the Department of Energy/Defense Nuclear Agency).

5.8.3 Identical parts/item numbers. Identical parts (same part number) appearing in a figure (illustration) having only one FGC shall have the same item number. If a figure has two or more FGCs/assemblies, only the identical parts with identical SMR codes within each FGC/assembly shall have the same item number.

5.8.4 Identical assemblies. When two or more identical assemblies (same part number) exist in different places, i.e., in the equipment, a breakdown of the parts shall be illustrated only once, i.e., the first time the assembly appears in the RPSTL. For subsequent times that the identical assembly appears, the assembly item name shall appear in the description and UOC column and be followed by the statement SEE FIG...FOR BREAKDOWN. (Refer to figure 3.)

5.9 Rear matter. Refer to MIL-STD-40051-1.

6. **NOTES.**

The notes in section 6 of MIL-STD-40051 apply to this Part.

TM X-XXXX-XXX-XXP

INTRODUCTION **0441 00**

SCOPE

This RPSTL lists and authorizes spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE); and other special support equipment required for performance of unit maintenance of the M198 howitzer. It authorizes the requisitioning, issue, and disposition of spares, repair parts, and special tools as indicated by the source, maintenance, and recoverability (SMR) codes.

GENERAL

In addition to the Introduction work package, this RPSTL is divided into the following work packages.

1. Repair Parts List Work Packages. Work packages containing lists of spares and repair parts authorized by this RPSTL for use in the performance of maintenance. These work packages also include parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending alphanumeric sequence, with the parts in each group listed in ascending figure and item number sequence. Sending units, brackets, filters, and bolts shall be listed with the component they mount on. Bulk materials are listed by item name in FIG. BULK at the end of the work packages. Repair parts kits are listed separately in their own functional group and work package. Repair parts for reparable special tools are also listed in a separate work package. Items listed are shown on the associated illustrations.

2. Special Tools List Work Packages. Work packages containing lists of special tools, special TMDE, and special support equipment authorized by this RPSTL (as indicated by Basis of Issue (BOI) information in the DESCRIPTION AND USABLE ON CODE (UOC) column). Tools that are components of common tool sets and/or Class VII shall not be listed.

3. Cross-Reference Indexes Work Packages. There are two cross-reference indexes work packages in this RPSTL: the National Stock Number (NSN) Index work package and the Part Number (P/N) Index work package. The National Stock Number Index work package refers you to the figure and item number. The Part Number Index work package refers you to the figure and item number.

EXPLANATION OF COLUMNS IN THE REPAIR PARTS LIST AND SPECIAL TOOLS LIST WORK PACKAGES

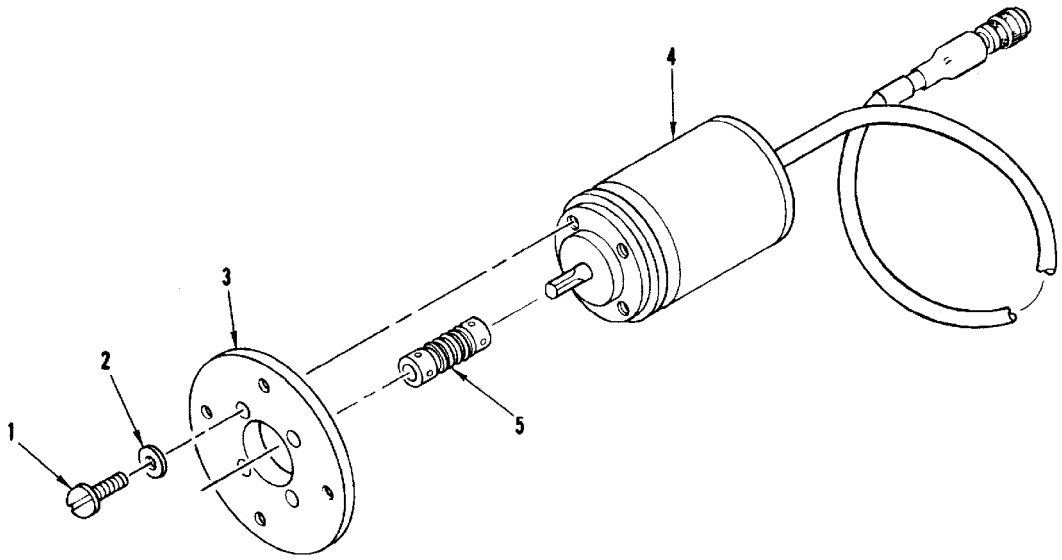
ITEM NO. (Column (1)). Indicates the number used to identify items called out in the illustration.

0441 00-1

FIGURE 1. Example of an introduction work package.

TM 9-1090-208-23P

GROUP 08 ELEVATION RESOLVER ASSEMBLY 7-217221365-3 **0031 00**



MI 7236

Figure 35. Group 08 Elevation Resolver Assembly 7-217221365-3.

0031 00-1

FIGURE 2. Example of a repair parts list illustration.

TM 11-1520-238-23P

GROUP 110503 WIRING INSTALLATION 70551-02169-012 0896 00
AND -014 REPAIR PARTS LIST - Continued

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 110503 WIRING INSTALLATION	
					FIG. 99 WIRING INSTALLATION 70551-02169-012 AND -014	
1	MOOZZ		78286	SS9014J22R	PLATE, INDENT MAKE FROM AL FOIL 0.003 TO 0.005 IN. THK QQ-A-1876 OR GG-P-455 GRADE A	1
2	MOOZZ		78286	SS9014J25R	PLATE, INDENT MAKE FROM AL FOIL 0.003 TO 0.005 IN. THK QQ-A-1876 OR GG-P-455 GRADE A	1
3	AOOOO		78286	70602-02107-041	HARNESS ASSY SEE FIG. 96 FORBREAKDOWN	1
4	AOOOO		78286	70602-02102-041	HARNESS ASSY, ICS USBL EFF 77-22714 THRU 77-22717 SEE FIG. 100 FOR BREAKDOWN	1
4	AOOOO		78286	70602-02102-042	HARNESS ASSY, ICS USBL EFF 77-22718 THRU 83-23866 SEE FIG. 100 FOR BREAKDOWN	1
4	AOOOO		78286	70602-02102-043	HARNESS ASSY, ICS USBL EFF 83-23887 AND SUB SEE FIG. 100 FOR BREAKDOWN	1
5	AOOOO		78286	70602-02103-041	HARNESS ASSY, ICS USBL EFF 77-22714 THRU 83-23886 SEE FIG. 101 FOR BREAKDOWN	1
5	AOOOO		78286	70602-02103-042	HARNESS ASSY USBL EFF 83-23887 AND SUB SEE FIG. 101 FOR BREAKDOWN	1
6	PAOZZ	5340-00-291-5323	96906	MS2191WDG4	CLAMP, LOOP	7
7	MOOZZ		78286	SS9014J204R	PLATE, IDENT MAKE PER SB11-631	1
8	PAOZZ	5310-01-105-7241	88044	AN690JD10L	WASHER, FLAT	16
9	PAOZZ	5310-00-877-5798	96906	MS21044D3	NUT, SELF-LOCKING, HE	23
10	PAOZZ	5340-00-291-5353	96906	MS21919WDG2	CLAMP, LOOP	17
11	PAOZZ	5305-00-947-4282	96906	MS27039DD1-09	SCREW, MACHINE	8
12	PAOZZ	5340-00-598-0529	96906	MS21919WDG28	CLAMP, LOOP	3
13	PAOZZ	5340-00-286-9427	96906	MS21919WDG12	CLAMP, LOOP	1
14	PAOZZ	5305-00-947-4278	96906	MS27039DD1-08	SCREW, MACHINE	9
15	PAOZZ	5365-00-662-3100	82918	BACS18AE3-64	SPACER, SLEEVE	3
16	PAOZZ	5340-00-598-0146	96906	MS21919WDG6	CLAMP, LOOP	6
17	PAOZZ	5340-00-291-5322	96906	MS21919WDG3	CLAMP, LOOP	2
18	PAOZZ	5310-01-134-5794	88044	AN960KD10	WASHER, FLAT	6
19	PAOZZ	5305-00-947-6994	96906	MS27039DD1-24	SCREW, FLAT	2
20	PAOZZ		96906	MS35489-17	GROMMET, NONMETALLIC UOC: 77551-02169-012	1
20	PAOZZ	5325-00-291-9366	96906	MS35489-11	GROMMET, NONMETALLIC UOC: 70511-02169-014	1
					END OF FIGURE	

0896 00-2

FIGURE 3. Example of a repair parts list work package.

(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
GROUP 14 ENGINE ASSEMBLY	
FIG. 24 OIL PUMP ASSEMBLY	
.BOLT, MACHINE	1
.WASHER, LOCK	1
.STRAINER, PUMP	1
.PUMP, ROTARY	1
..REGULATOR PRESS	1
..WASHER, KEY	1
..SPACER, RING	5
..GEAR, OIL PUMP	1
..BOLT, MACHINE CAP SCREW 1/4-20X1-3/8 INCH	2
..WASHER, LOCK, 1/4 IN. MEDIUM SAE	2
..LOCKWASHER, STEEL	2
..SCREW, COVER	6
..COVER, PUMP	1
..PUMP, OIL BSC	1
...GEAR, DR SHAFT	1
...BODY ASSY	1
...SHAFT, IDLER	1
....BODY, PUMP	1
END OF FIGURE	

FIGURE 4. Example of indentions (next higher assembly).

TM 9-2320-258-34P

GROUP 9501 BULK MATERIAL REPAIR PARTS LIST - Continued **3264 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 95 GENERAL USE STANDARDIZED PARTS	
					GROUP 9501 BULK MATERIAL	
					FIG. 15 BULK	
1	PAOZZ	5330-00-982-5130	81349	MILC7637TYP2	ASBESTOS SHEET, WOVE	1
2	XBOZZ		19207	RRC271	CHAIN, WELDLESS	1
3	PAOZZ	5975-00-285-0907	97030	LOOM 3/8 ID	CONDUIT, NONMETALIC	1
4	PAOZZ	9340-00-142-6860	19207	11633348	GLASS, LAMINATED	1
5	PAOZZ	9340-00-285-6775	19200	8635931	GLASS, LAMINATED	1
6	PFOZZ	4720-00-809-2429	30299	FT3548-5	HOSE, AIR DUCT	1
7	PAFZZ	4720-00-001-0093	81349	MIL-H-13531	NOSE ASSEMBLY, NONME	1
8	XBOZZ		85757	3250-0610	HOSE, NONMETALLIC	1
9	PAFZZ	4720-00-999-8994	01276	303-8	HOSE, NONMETALLIC	1
10	PAOZZ	4720-00-951-2433	96909	MS521301A229R	HOSE, NONMETALLIC	1
11	PAOZZ	4720-01-009-9058	85757	3250-1010	HOSE, NONMETALLIC	1
12	PAOZZ	4720-00-683-8830	81349	MIL-H-8788-4	HOSE, NONMETALLIC	1
13	PAOZZ	4720-00-999-4044	11083	3R7752	HOSE, PREFORMED	1
14	XBOZZ		81349	MIL-I-14511	INSULATION BOARD TH	1
15	PAOZZ	9390-00-488-2106	19207	CPR102201	NONMETALLIC SPECIAL	1
16	PAOZZ	5330-00-333-0313	81348	HHP151	RUBBER SHEET SOLID	1
17	XBOZZ		19207	10287823-7	RUBBER STRIP	1
18	PAFZZ	5330-01-040-8923	19207	CPR104394	SEAL, RUBBER CHANNEL	1
19	PAFZZ	5330-01-082-3792	19207	CPR102235	SEAL, RUBBER, SPECIAL	1
20	PAOZZ	5330-01-082-3793	19207	CPR102232	SEAL, RUBBER, SPECIAL	1
21	PAOZZ	5365-00-944-1871	19204	738942	SPACER, SLEEVE	1
22	PAOZZ	4710-00-234-0701	19207	CPR103203-1	TUBE ASSEMBLY, METAL	1
23	PAOZZ	4710-00-277-5524	19207	7036787	TUBE, METALIC	1
24	PAOZZ	4710-00-277-5526	91340	D11076-4A7	TUBE, METALIC	1
25	PAFZZ	4710-00-006-1647	81348	QQ-T-830	TUBE, METALIC	1
26	PAOZZ	4710-00-203-3174	16236	CS4710-0004GB	TUBE, METALIC	1
27	PAOZZ	4710-00-335-2610	81349	M3520-B70E02G	TUBE, METALIC	1
28	PAOZZ	4710-00-277-4515	81346	ASTM B280	TUBE, METALIC	1
29	PAOZZ	4710-00-203-3172	17590	305087-0116	TUBE, METALIC	1
30	XBOZZ		19207	CPR109328-1	TUBING	1
31	PAOZZ	4720-00-462-7494	19200	8589761-22	TUBING, NONMETALLIC	1
32	XBOZZ		19207	CPR109328-2	TUBING, RUBBER	1
33	PAFZZ		19207	CPR102229	WEATHERSTRIP, DOOR	1
34	PAOZZ	6145-00-705-6674	81349	M13486-1-14	WIRE, ELECTRICAL	1
35	PAOZZ	6145-00-254-6117	81349	M13486-1-15	WIRE, ELECTRICAL	1
36	PAOZZ	6145-00-161-1609	81349	M13486-1-3	WIRE, ELECTRICAL	1
37	PAOZZ	9505-00-555-8648	96906	MS20995C47	WIRE, NONELECTRICAL	1
					END OF FIGURE	

FIGURE 5. Example of a bulk material list.

TM 55-1520-205-23P

GROUP 15 T62T-2A, T62T-2A1, GAS TURBINE ENGINE REPAIR PARTS LIST - Continued **3034 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 15 AUXILIARY POWER UNIT	
					FIG. 10 T62T-2A, T62T-2A1 GAS TURBINE ENGINE	
1	PAODD	2835-00-906-6766	55820	37688-0	ENGINE, GAS TURBINE T62T-2A UOC:NB4	1
2	PAODD	2835-00-804-8316	55820	37688-1000	ENGINE, GAS TURBINE T62T-2A1 ..... UOC:NB5	1
3	PAOZZ	5310-00-877-5797	96906	MS21044N3	.NUT, SELF-LOCKING UOC:NB4, NB5	2
4	PAOZZ		88044	AN960DD10	.WASHER, FLAT UOC:NB4, NB5, NB6	2
5	KAOZZ	5330-00-263-8030	96906	MS29512-06	.PACKING, PREFORMED PART OF KIT P/N 31766-1	10
6	PAOOO	2910-00-919-2021	58220	28022-4	..NOZZLE ASSEMBLY STATOR UOC:NB4, NB5, NB6	1
7	KDOZZ	5330-00-961-1463	96906	MS35769-5	..GASKET PART OF KIT P/N 31766-1 ..... UOC:NB4, NB5, NB6	1
8	PAOZZ		71895	970HE1UPPH	..NOZZLE, STATOR UOC:NB4, NB5, NB6	1
9	KAOZZ	5330-00-961-1463	55820	26793-1	..GASKET PART OF KIT P/N 31766-1 ..... UOC:NB4, NB5, NB6	1
	PAOZZ		55820	31766-1	SEAL KIT, TURBINE ..... GASKET (1) 10-7 GASKET (1) 10-9 PACKING, PREFORMED (10) 10-5	V
					END OF FIGURE	

3034 00-2

FIGURE 6. Example of kits breakdown option 1.

TM 9-2330-258-34P

GROUP 9401 REPAIR KITS REPAIR PARTS LIST - Continued **3230 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 94 REPAIR KITS	
					FIG. KITS	
1	PAOZZ	2540-00-255-0775	78385	G704528	PARTS KIT, HEATER, VE PERSONNEL HEATER	1
					BURNER ASSEMBLY (1) 252-6	
					SCREW, MACHINE (1) 252-8	
2	PAOZZ	2540-00-255-0777	78385	G704529	PARTS KIT, HEATER, VE PERSONNEL HEATER	1
					SCREW, MACHINE (1) 252-8	
					VAPORIZER (1) 252-11	
					WASHER, FLAT (1) 252-9	
					WASHER, FIBER (1) 252-10	
					WASHER, FLAT (1) 252-12	
					WICK (1) 252-13	
3	PAFZZ	2990-01-065-7617	19207	12259821	MOUNT, ENGINE TO BE INSTALLED ONLY AS A SET	1
					CAP, ENGINE MOUNT (1) 1-14	
					MOUNT, ENGINE (1) 1-18	
4	PAFZZ	4320-01-133-4069	62983	421242L	PARTS KIT, HYDRAULIC	1
					GASKET (1) 239-5	
					PACKING, PREFORMED (1) 239-4	
					PACKING, PREFORMED (1) 239-6	
					PACKING, SEAL (4) 239-8	
					PARTS KIT, ROTARY PU (2) 239-9	
					PARTS KIT, ROTARY PU (10) 239-10	
					PIN (20) 239-14	
					PLATE, INLET SUPPORT (1) 239-13	
					PLATE, OUTLET SUPPORT (1) 239-7	
					RETAINER, PACKING (1) 239-12	
					RING (1) 239-12	
					ROTOR (1) 239-11	
					SCREW (2) 239-15	
					END OF FIGURE	

3230 00-2

FIGURE 7. Example of kits breakdown option 2.

TM 11-1520-238-23P

GROUP 30 SPECIAL TOOLS LIST - Continued **3745 00**

(1) ITEM NO.	(2) SMR CODE	(3) NSN	(4) CAGEC	(5) PART NUMBER	(6) DESCRIPTION AND USABLE ON CODE (UOC)	(7) QTY
					GROUP 30 SPECIAL TOOLS FIG. 254	
1	PEODD	6625-01-169-5333	80058	TS-3920A/ASM	TEST SET, STABILIZATION (BOI: 1 AUTH PER 15 AIRCRAFT)	
1	PEODD	6625-01-266-1636	80058	TS-3920B/ASM	TEST SET, STABILIZATION (BOI: 1 AUTH PER 15 AIRCRAFT)	
2	XBOZZ		80063	A3012556	WEDGE, 30/60/90 DEG. (BOI: 1 AUTH PER TEST SET)	
3	XBOZZ		80063	A3012557	WEDGE, 05/85/90 DEG. (BOI: 1 AUTH PER TEST SET)	
4	XBOZZ		80063	A3012558	PIN, ALIGNMENT (BOI: 1 AUTH PER TEST SET)	
5	XBOZZ		80063	A3012559	FIXTURE, PROTRACTOR (BOI: 1 AUTH PER TEST SET)	
					END OF FIGURE	

3745 00-2

FIGURE 8. Example of a special tools list work package.

TM 9-1090-208-23P

NATIONAL STOCK NUMBER INDEX **1001 00**

STOCK NUMBER	FIG.	ITEM
5365-00-003-6807	4	4
5935-00-005-2826	3	1
5315-00-012-0123	65	1
5310-00-016-7216	28	12
5340-00-021-3495	77	20
	85	15
5310-00-027-7247	8	2
5310-00-030-0580	51	21
3110-00-034-5257	69	5
	72	5
	75	9
	77	8
	79	5
	81	10
	84	5
	85	3
5305-00-038-9048	45	27
5310-00-045-3296	77	25
	85	20
5310-00-045-4007	2	5
5305-00-052-6456	55	2
5310-00-054-0041	24	3
5305-00-054-5637	6	9
5305-00-054-5638	88	11
5305-00-054-5647	33	15
	51	25
5305-00-054-5648	10	1
	33	7
5305-00-054-5649	2	8
	29	13
	33	3
	51	15
	52	8
	89	3
5305-00-054-5650	51	3
5305-00-054-5651	9	5
	28	5
	90	1
5305-00-054-5652	52	1
5305-00-054-5653	28	6

STOCK NUMBER	FIG.	ITEM
5305-00-054-6653	89	17
5305-00-054-6654	28	23
	29	8
5305-00-054-6655	29	4
	88	21
5305-00-054-6657	29	18
5305-00-054-6666	51	29
5305-00-054-6669	1	10
5305-00-054-9263	60	4
5305-00-056-9961	9	3
	33	16
	88	35
5310-00-057-0573	33	8
	52	2
	90	2
5310-00-058-1823	29	1
	61	4
5315-00-058-6062	45	18
5305-00-059-3657	2	14
5305-00-059-3658	1	3
5305-00-059-3661	51	26
5310-00-061-7326	29	19
5305-00-066-7327	88	37
5305-00-066-7369	34	1
5365-00-067-3836	46	17
5305-00-068-0543	45	9
5365-00-068-8011	70	2
	80	2
5975-00-074-2072	61	12
	88	33
5970-00-074-8780	28	15
5320-00-076-4071	59	19
5360-00-079-1713	11A	2
5305-00-079-5835	51	22
	88	28
5306-00-080-1537	32	28
5305-00-103-2994	45	14
5905-00-104-8368	2	25
5306-00-106-6321	63	5
	77	22

1001 00-1

FIGURE 9. Example of a national stock number index work package.

PART NUMBER INDEX 0891 00

PART NUMBER	FIG.	ITEM
AN960C10L	12	20
AN960C4L	8	11
	9	44
	12	24
	17	28
AN960C416L	8	89
AN960C516L	8	66
AN960C6	8	74
	13	5
AN960C6L	27	6
AN960C616	27	22
AN960C8	8	41
	11	10
AN960C816	17	9
AP373-95	8	84
AP373-96	12	15
B3-14	17	12
CA4342	27	23
CA4440-4	16	54
CD2-Z147-1	16	44
CKR05BX102M	10	7
CMR05F201JPDR	14	16
DB-3	16	65
DBM5W5P	15	17
	31	11
	32	2
DBM5W5S	8	29
	31	3
DBM50906-1	8	28
	15	18
	31	5
	32	4
DDM50PE	10	27
DM53744-21	8	32
DM53744-24	31	2
DM53744-25	31	1
DM53745-25	15	16
	31	10
DM53745-27	15	15
	31	9
DM53745-28	32	1
DSC7900-10-C-6	8	19
EP15160X	10	81
EP162996	10	80
	14	91
I/O-100-00000	21	3
	22	5
	23	3
	24	2
	25	2
	26	2
JANTX1N1206A	12	1
	14	3
JANTX1N4102-1	10	89
JANTX1N4106-1	14	98
JANTX1N4109-1	9	31
JANTX1N4150-1	4	2
	8	77
	9	4
	10	1
	14	2
	28	1
JANTX1N4572A-1	10	86
JANTX1N4626-1	10	90
	28	8
JANTX1N4627	10	85
JANTX1N4627-1	14	99
JANTX1N5419	9	1
	12	2
JANTX1N5420	10	3
	14	4
JANTX1N5645A	9	30
JANTX1N5656A	10	87
JANTX1N5806	10	2
JANTX1N5811	9	3
	14	1
JANTX1N6075	9	2
JANTX1N647-1	4	1
JANTX2N2219A	28	5
JANTX2N2222A	10	29
	14	31
JANTX2N2369A	10	30
JANTX2N2907A	10	28
	14	34
JANTX2N3421	10	31
JANTX2N3507	9	11
JANTX2N3737	9	12
JANTX2N3868	9	13
JANTX2N6352	9	10
JANTX2N6764	14	32

FIGURE 10. Example of a part number index work package.

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REFERENCE DESIGNATOR INDEX **0032 00**

REFERENCE DESIGNATOR	FIG.	ITEM
S1	1	15
W2	1	3
2AT1	2	309
2AT10	2	552
2AT11	2	699
2AT12	2	699
2AT13	2	479
2AT14	2	479
2AT2	2	309
2AT3	2	558
2AT4	2	564
2AT5	2	705
2AT5	2	479
2AT6	2	494
2AT7	2	675
2AT8	2	624
2AT9	2	552
2A1	2	489
2A1AT2	71	30
2A1AT3	71	33
2A1A1	70	6
2A1A10	70	6
2A1A11	70	12
2A1A13	70	13
2A1A14	70	14
2A1A15	70	14
2A1A16	70	15
2A1A17	70	16
2A1A18	70	13
2A1A19	70	14
2A1A20	70	14
2A1A21	70	15
2A1A22	70	16
2A1A23	70	17
2A1A24	70	13
2A1A25	70	14
2A1A26	70	14
2A1A27	70	15
2A1A28	70	16
2A1A29	70	18

REFERENCE DESIGNATOR	FIG.	ITEM
2A1A4	70	8
2A1A6	70	9
2A1A7	70	9
2A1A8	70	10
2A1A9	70	11
2A1DL1	70	25
2A1DL2	70	25
2A1DL3	70	25
2A1DL4	70	25
2A1DL5	70	25
2A1DL6	70	25
2A1J20	71	27
2A1J25	71	36
2A1J29	71	34
2A1W10	71	46
2A1W12	71	44
2A1W14	71	45
2A1W30	70	31
2A1W31	70	29
2A1W32	70	30
2A1W33	70	28
2A1W34	70	26
2A1W35	70	27
2A1W36	70	35
2A10	2	590
2A10A1	80	2
2A10A10	80	2
2A10A11	80	3
2A10A13	80	4
2A10A14	80	2
2A10A15	80	5
2A10A3	80	2
2A10A5	80	2
2A10A7	80	2
2A10A9	80	2
2A100	3	186
2A100CB1	18	15
2A100CB2	18	37
2A100CB3	18	37
2A100CB4	18	37

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FIGURE 11. Example of a reference designator index work package.

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